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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Junya SHIMIZU

SERIAL NO.: 10/024,611

ART UNIT: 2121

FILING DATE: 10/29/01

EXAMINER:

TITLE: SIGNAL SEPARATION METHOD, SIGNAL PROCESSING APPARATUS, IMAGE PROCESSING APPARATUS, MEDICAL IMAGE PROCESSING APPARATUS AND STORAGE MEDIUM FOR RESTORING MULTIDIMENSIONAL SIGNALS FROM OBSERVED DATA IN WHICH MULTIPLE SIGNALS ARE MIXED

ATTORNEY JP920000339JP1/  
DOCKET NO.: 954-010483-US (PAR)

RECEIVED

AUG 10 2004

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT  
(37 C.F.R. §1.97(b)(3))

Sir:

This information disclosure statement is being filed before the mailing of a first Office Action on the merits.

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application. Applicants' Attorney is aware of the following patents:

JP 2000-242624

JP 2002-528778

JP 2002-518925

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72  
8-12-04

JP 06-021838

"PRESTO, JST RIKEN, BSI Islab, Hirosawa 2-1, Wako, Saitama,  
Japan", 1999, 4 pages

"INFORMATION CAPACITY OF CHANNELS WITH PARTIALLY UNKNOWN NOISE.  
I. FINITE-DIMENSIONAL CHANNELS", C.R. Baker et al., 1996, 18  
pages

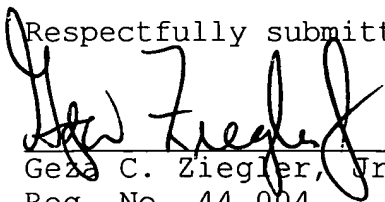
"H<sup>∞</sup> FILTERING FOR NOISE REDUCTION USING A TOTAL LEAST SQUARES  
ESTIMATION APPROACH", Jun'ya Shimizu et al., 1998, 4 pages

Copies of these patents are enclosed together with a Form PTO-  
1449.

The filing of this Statement is not to be construed as a  
representation that a search has been made regarding the claimed  
invention (37 C.F.R. §1.97(g)) or that no other possible material  
information exists. In addition, the filing of this Information  
Disclosure Statement is not to be construed to be an admission  
that the information cited in the Statement is, or is considered  
to be, material to patentability (37 C.F.R. §1.97(h)).

The Commissioner is hereby authorized to charge payment for any  
fees associated with this communication or credit any over  
payment to Deposit Account No. 16-1350.

Respectfully submitted,

  
\_\_\_\_\_  
Geza C. Ziegler, Jr.  
Reg. No. 44,004

4 August 2004  
Date


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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope address to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 8/4/04

Signature:   
Person Making Deposit

<b>INFORMATION DISCLOSURE</b>  <b>CITATION FORM FOR</b> <b>PATENT APPLICATION</b> <b>(FORM PTO-1449)</b> (Substitute)			Docket No.: JP920000339JP1/ 954-010483-US (PAR)  Applicant(s): Junya SHIMIZU  Filing Date: 10/29/01			Serial No.: 10/024,611   Group: 2121		
<b>U.S. PATENTS</b>								
Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date		
			<div style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</div> <div style="text-align: center;">AUG 10 2004</div> <div style="text-align: center;">Technology Center 2100</div>					
<b>U.S. PATENT PUBLICATIONS</b>								
Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date		
<b>FOREIGN PATENT DOCUMENTS</b>								
Initials	Document Number	Date	Country	Name		Translation? Yes/No/n/a		
	JP 2000-242624	9/8/00	Japan	Yamakawa Retsu		Yes		
	JP 2002-528778	9/3/00	Japan	Siemens Aktiengesellschaft		No		
	JP 2002-518925	6/25/02	Japan	Ramot Univ Authority For App Res & Ind Dev Ltd		No Yes		
	JP 06-021838	1/28/94	Japan					
<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>								
	"PRESTO, JST RIKEN, BSI Islab, Hirosawa 2-1, Wako, Saitama, Japan", 1999, 4 pages							
	"INFORMATION CAPACITY OF CHANNELS WITH PARTIALLY UNKNOWN NOISE. I. FINITE-DIMENSIONAL CHANNELS", C.R. Baker et al., 1996, 18 pages							
	"H <sup>∞</sup> FILTERING FOR NOISE REDUCTION USING A TOTAL LEAST SQUARES ESTIMATION APPROACH", Jun'ya Shimizu et al., 1998, 4 pages							
Examiner's Signature:				Date Considered:				
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).								